

Title (en)
HYDRAULIC AXIAL-PISTON MACHINE

Publication
EP 0090953 B1 19870204 (DE)

Application
EP 83102220 A 19830307

Priority
DE 3212429 A 19820402

Abstract (en)
[origin: EP0090953A2] 1. A hydraulic axial piston machine of the swash plate type with a shaft for the cylinder barrel passed to the outside on one side, having a distributor and a radial bearing between the stator fixed to the housing and the cylinder barrel, characterized in that the stator is constructed as a central tube (41) on which is supported the radial bearing (43), the distributor (3) and a control base (22) used as a mounting support for the swash plate (10), in that between the housing (2) and the central tube (41) a damping ring (57) is provided, and in that the pump components not located in the housing (2) are covered by a non-load-bearing spring cap (40) connected to the housing.

IPC 1-7
F04B 1/20; **F04B 1/22**; **F01B 3/02**

IPC 8 full level
F03C 1/06 (2006.01); **F01B 3/02** (2006.01); **F03C 1/253** (2006.01); **F03C 1/30** (2006.01); **F03C 1/32** (2006.01); **F04B 1/20** (2006.01); **F04B 1/22** (2006.01)

CPC (source: EP)
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Cited by
CN103328824A; US9458839B2; WO2014032848A1; WO2012100919A3; WO2014111360A1; WO2012045394A1

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DE FR GB IT

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